

## **List of Potential Core Actions CALFED Bay-Delta Program**

*Note: CVPIA Provisions subject to State cost sharing are shown.*

### **Bay-Delta Habitat Restoration**

- Protect Existing Shallow Water Habitat From Erosion
- Protect Existing Riverine Habitat on Channel Islands
- Modify Levee Protection Practices to Include Riverine Elements
- Protect Existing Riparian Habitats
- Modify Levee Maintenance Practices to Improve Riparian Habitat
- Improve Degraded Riparian Habitats
- Protect and Enhance Existing Wetlands
- Expand Wetland Acquisition Programs
- Protect Existing Upland Habitat
- Improve Enforcement of Regulations regarding Ballast-Water Releases
- Improve Border Inspection Practices to Intercept Aquatic Pest Introductions
- Improve Management of Public Waterfowl Areas  
*3406(d)(2-3) and 3406(d)(5): water supplies and sources*

### **Upstream Habitat Restoration**

- Improve Flows and Temperatures in Upstream Habitats  
*3406(b)(6): Shasta temperature control device*
- Restore and Replenish Spawning Substrates for Anadromous Fish  
*3406(b)(13): spawning gravels*
- Improve Management of Gravel Mining Practices

Improve Anadromous Fish Passage at Upstream Dams and Other Barriers  
*3406(b)(10), 3406(b)(12), and 3406(b)(17): Red Bluff DD, Whiskeytown Dam,  
and ACID Diversion Dam*

Restrict Livestock Grazing in Riparian Corridors

Revegetate Degraded Riparian Habitats

## **Reduction in the Effects of Diversions**

Use Real-Time Monitoring and Adaptive Management

Install Screens on Unscreened In-Delta Diversions  
*3406(b)(5): Contra Costa Canal intake; 3406(b)(21): other unscreened diversions*

Install Screens on Upstream Diversions  
*3406(b)(20): GCID diversion; 3406(b)(21): other unscreened diversions*

Operate Acoustic Barrier to Anadromous Fish Movement into Georgiana Slough

Operate Fish Barrier on San Joaquin River at Merced River in Fall

Improve Fish Salvage Procedures

## **Management of Anadromous Fish**

Improve Hatchery Operations

Modify Hatchery Operations to Reduce Effects on Wild Populations

Improve Regulation of Commercial Take to Protect Stocks

## **Reduction in Export Reliance**

Establish Incentives for Use of Agricultural Water Conservation Practices

Increase Incentives for Use of M&I Water Conservation Practices

Educate Users about Conservation and Reclamation Feasibility

## **Water Supply Enhancement**

- Manage Riparian Zones to Protect Water Quality
- Manage Land Uses to Protect Water Quality
- Establish Incentives for Conjunctive Use
- Ease Institutional Barriers to Encourage Conjunctive Use

## **Increasing Water Supply Predictability**

- Ease Institutional Obstacles to Facilitate Water Transfers
- Improve Procedures for Permitting of Water Transfers
- Coordinate Diversion and Conveyance of Water Transfers
- Establish Brokering Mechanism or Institution for Water Transfers
- Establish Incentives for Integrated Resources Planning
- Manage Water Resources Data and Information for the Bay-Delta System  
*3406(b)(16): comprehensive assessment program; 3406(g): ecological and hydrologic models and data for system operations*

## **Management of Water Quality**

- Implement Source Control Regulations for Agricultural Pollutants
- Establish Incentives for Retirement of Lands with Drainage Problems
- Improve Management of Urban Stormwater Runoff
- Improve Management of Discharges from Abandoned Mines

## **Improvements to System Reliability**

- Maintain and Stabilize Existing Levees

**Modify Agricultural Practices to Reduce Subsidence**

**Establish an Emergency Levee Management Plan**

**Provide Funding for Maintenance and Stabilization**

**Maintain and Reconstruct Levees around Infrastructure**